

**Serial No.::** Not Yet Known  
**Filing Date:** Herewith

**--ABSTRACT OF THE DISCLOSURE**

A solid oxide fuel cell system component that may be exposed to an oxidizing atmosphere within the system is formed from a heat resistant allow that preferably has a wt% composition of Al 5-0, Si 0.1-3.8, Mn ≤ 0.5, Cu ≤ 0.23, Ni ≤ 0.61, C ≤ 0.02, P ≤ 0.04, S ≤ 0.04, Cr < 5, and residue Fe excluding incidental impurities. Preferably the component can function at temperatures exceeding about 750°C.--

**REMARKS**

The foregoing claim amendments are made to obviate the problem of improper dependency in the multiple dependent claims which existed in the PCT priority document. The foregoing abstract of the disclosure was added because no abstract appeared in the PCT priority document. Appended hereto at page 4 is a marked-up version of the foregoing amendments in which additions to the text are shown with a **gray background** and deletions with **strikeout type**. Replacement pages numbered 10 through 12 incorporating the changes indicated above are attached hereto and incorporated herein by reference.

The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1300 (Our Order No. A-71183/DJB/MAK).

Respectfully submitted,  
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Dated: 3 December 2001

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SF-1069476v1

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Claims 3, 4, 5, 6, 8, 9 and 10 were amended as follows:

3. (amended) A solid oxide fuel cell system component according to claim 1 or 2 which contains less than 0.05 wt% Mn.

4. (amended) A solid oxide fuel cell system component according to ~~any one of claims 1 to 3~~ ~~claim 1~~ wherein the alloy has a composition, in wt%, of:

Al       $6.0 \pm 1.0$

Si       $1.0 \pm 0.5$

C       $0.005 - 0.02$

P       $\leq 0.04$

S       $\leq 0.04$

Cr       $\leq 0.10$

$(Al + Si) = 6.5$  to  $7.5$

Residue Fe, excluding incidental impurities.

5. (amended) A solid oxide fuel cell system component according to ~~any one of the preceding claims~~ ~~claim 1~~ wherein the alloy contains no Cr.

6. (amended) A solid oxide fuel cell system component according to ~~any one of the preceding claims~~ ~~claim 1~~ having a surface layer of  $Al_2O_3$ .

8. (amended) A solid oxide fuel cell system component according to ~~any one of the preceding claims~~ ~~claim 1~~ wherein source material for the alloy at least includes scrap metal.

9. (amended) A solid oxide fuel cell system component according to ~~any one of the preceding claims~~ ~~claim 1~~ which is a gas separator disposed or adapted to be disposed between adjacent fuel cells in the system.